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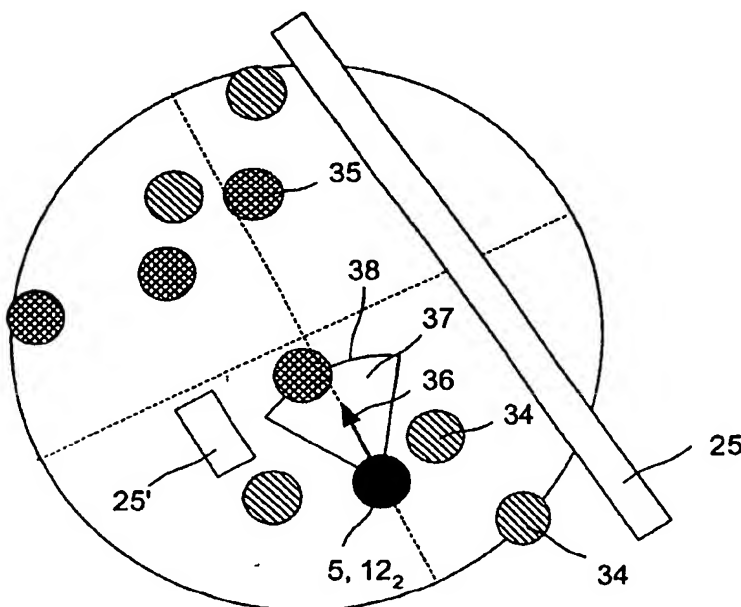
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(54) Title: MOVEMENT OF AN AUTONOMOUS ENTITY THROUGH AN ENVIRONMENT



(57) Abstract: A method of
determining a path of an autonomous
entity through an environment,
the method comprising providing
a provisional path through a
model of the environment from
a current location to an intended
destination, providing a profile for
said autonomous entity, determining
a preferred step towards said
intended destination based upon
said profile and said provisional
path, determining a personal space
around said autonomous entity and
determining whether said preferred
step is feasible by considering
whether obstructions infringe said
personal space.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F17/50

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B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HOSOI R ET AL: "Dynamical model of a pedestrian in a crowd" ROBOT AND HUMAN COMMUNICATION, 1996., 5TH IEEE INTERNATIONAL WORKSHOP ON TSUKUBA, JAPAN 11-14 NOV. 1996, NEW YORK, NY, USA, IEEE, US, 11 November 1996 (1996-11-11), pages 44-49, XP010212810 ISBN: 0-7803-3253-9 in particular section 2 Modeling and figures 1, 4 and 11 the whole document ----- -/--	1-48

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HELBIG D ET AL: "Social force model for pedestrian dynamics" PHYS. REV. E, STAT. PHYS. PLASMAS FLUIDS RELAT. INTERDISCIP. TOP. (USA), PHYSICAL REVIEW E (STATISTICAL PHYSICS, PLASMAS, FLUIDS, AND RELATED INTERDISCIPLINARY TOPICS), MAY 1995, USA, vol. 51, no. 5, pt.A, May 1995 (1995-05), pages 4282-4286, XP002277054 ISSN: 1063-651X the whole document	1-48
A	----- GOLDENSTEIN S ET AL: "Scalable dynamical systems for multi-agent steering and simulation" PROCEEDINGS OF THE 2001 IEEE INTERNATIONAL CONFERENCE ON ROBOTICS AND AUTOMATION. ICRA 2001. SEOUL, KOREA, MAY 21 - 26, 2001, PROCEEDINGS OF THE IEEE INTERNATIONAL CONFERENCE ON ROBOTICS AND AUTOMATION, NEW YORK, NY : IEEE, US, vol. VOL. 1 OF 4, 21 May 2001 (2001-05-21), pages 3973-3980, XP010550757 ISBN: 0-7803-6576-3 in particular paragraph bridging pages 3973-4 the whole document	1-48
A	----- US 2002/062207 A1 (FAGHRI ARDESHIR) 23 May 2002 (2002-05-23) the whole document	1-48

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